



Solution Flyer

SUSE Linux Enterprise Server for SAP Applications
SUSE OpenStack Cloud
SUSE Linux Enterprise Live Patching
SUSE Manager

Transitioning to SAP HANA on SUSE is the SMART Move

Many businesses are transforming their internal business processes and IT infrastructure to better compete in today's digital economy. SAP S/4HANA provides the agility and adaptability organizations need to realign business processes to leverage key technologies such as Internet of Things (IoT), Big Data, mobile applications and cloud computing while reducing IT complexity. SUSE helps companies realize the benefits of digital transformation by delivering a fast, reliable and secure platform uniquely designed and optimized for SAP environments.

SUSE Solutions for SAP Systems at a Glance:

■ Smoothly transition to SAP S/4HANA systems...

with flexible Linux training, a familiar console, system authentication integration and guides for system administrators to quickly adapt to Linux operations.

■ Deliver services with greater agility...

using automated tools and pre-configured solutions that speed up deployment and lifecycle management of SAP systems on premise and in the cloud.

■ Ensure reliability of SAP application-based services...

with a cost-effective open source solution stack that is performance-optimized and includes resilience features that increase security and limit downtime.

■ Products:

SUSE Linux Enterprise Server for SAP Applications
SUSE OpenStack Cloud
SUSE Linux Enterprise Live Patching
SUSE Manager

Smoothly transition to SAP S/4HANA

The SAP S/4HANA Digital Core is built on open source technology to support digital transformation by reducing IT infrastructure complexity. SAP's strategy is for all of its applications to be based on SAP S/4HANA—which only runs on Linux—by 2025. SUSE is committed to helping businesses smoothly transition their infrastructures to deliver SAP S/4HANA services for greater agility, today.

SUSE offers training for SAP system administrators current working with Microsoft Windows Server, IBM AIX and Oracle Solaris (learn more at training.suse.com). So that IT staff can be productive while learning Linux, **SUSE® Linux Enterprise Server for SAP Applications** includes the option to use the Microsoft Remote Desktop as a familiar operating console for staff to execute Linux commands. There is a guide for executing common Windows Server commands with SUSE Linux. With

Active Directory integration, existing Windows user-ids and passwords can be used in the Linux environment.

Deliver Services with Greater Agility

A key objective of digital transformation is to deliver services faster. **SUSE Linux Enterprise Server for SAP Applications** includes an Installation Wizard that automatically installs SAP software (including SAP HANA) with high availability in hours instead of days. It leverages SAP application configuration and performance tuning packages developed by SUSE and made available to the open source community. The Installation Wizard is integrated with **SUSE Manager** so that you can use a single pane of glass for lifecycle management of your SAP systems whether they are on premise or in the cloud.

For enterprises and service providers who want to automatically provision and deliver SAP services, **SUSE OpenStack Cloud**

“SUSE Linux Enterprise Server for SAP Applications allows us to provide our clients a smooth path to the latest features and the next-generation business suite SAP S/4HANA.”

PETER WIOTTI

Head of Business Area Basis & Hosting
Implema

www.suse.com

is the leading open solution to quickly deploy a highly available private cloud. It is the solution SAP chose for the SAP Cloud Platform.

SUSE and SAP have collaborated with major public cloud service providers Amazon, Google, IBM and Microsoft to deliver images for fast deployment of SAP systems built on SUSE Linux Enterprise Server. Bring-your-own-subscription (BYOS) options give you the flexibility to choose the cloud services that best fit your changing needs. You can also set up hybrid configurations with your private cloud, on-premise and private cloud deployments.

Ensure Reliability of SAP Application-Based Services

Your SAP systems are mission-critical. That's why **SUSE Linux Enterprise for SAP Applications** includes a full-featured high availability/disaster recovery (HA/DR) solution, SUSE Linux Enterprise High Availability Extension. Easily cluster any combination of physical and virtual systems into one of four HA scenarios based on your need for rapid recovery, cost-optimization, and multi-tenancy. There is even an option to protect your service from multiple node failures in SAP HANA scale-out configurations. SUSE innovation enhances SAP HANA System Replication to automatically failover and recover in the event of a system outage.

Avoiding downtime for SAP systems is important, but so is keeping them secure. **SUSE Linux Enterprise Live Patching** gives

you the ability to deploy multiple critical kernel patches for security vulnerabilities or stability issues without rebooting servers or waiting for the next service window.

Two key security features are also included in SUSE Linux Enterprise Server for SAP Applications. An SAP HANA Firewall secures the in-memory system. A built-in key server makes it possible to remotely unlock encrypted remote storage volumes after a system reboot. The Key Management Interoperability Protocol (KMIP) is supported if you want to use your own proprietary key server.

Make the SMART Choice for SAP HANA

SUSE is constantly innovating to deliver a high-performance and reliable platform that is easy to deploy and manage. SUSE Linux Enterprise Server for SAP Applications is the leading Linux platform for all SAP applications, and is the foundation for 90 percent of all SAP HANA installations. SUSE is the market leader for SAP infrastructure solutions with:

- *Over 17 years of innovation and collaboration with SAP in the LinuxLab*
- *The first OS for SAP HANA on x86-64 and POWER-based servers*
- *Over 90 percent share of the SAP HANA market*
- *100 percent of SAP benchmarks on Linux*
- *The only Linux distribution certified to manage SAP NetWeaver clusters*



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